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du Canada[Home](#) → [Canadian Security Intelligence Service](#) → [CSIS Jobs](#) → [Available Jobs](#)

Network Exploitation Analyst



i Important

Do not discuss your application with others (including on social media) besides your partner, or close family members - who should also be reminded about the need to be discreet.

Closing Date	2019-01-16
Reference Number	18- 968-08-006
Job Category	Subject Matter Expert
Who Can Apply	Canadian Citizens
Location	Ottawa, Ontario
Salary Range	\$78,800 - \$95,870
Status	Indeterminate (permanent)
Language Requirement	English Essential

Job Summary

- Conduct technical analysis of technical artifacts using reverse engineering and forensics.
- Design, architect and implement systems to support cyber investigative activities.
- Assist in developing and maintaining malware information sharing platforms (such as MISP).
- Prepare technical assessments and operational reports.
- Maintain infrastructure onsite or cloud based.

Education

- Undergraduate degree in Computer Science or Engineering and four (4) years of recent experience
- Technologist diploma and five (5) years of recent experience
- Professional technologist equivalency designation and five (5) years of recent experience
- College diploma and six (6) years of recent experience

The educational program must be from an accredited learning institution recognized in Canada. If you completed a program outside of Canada you will be required to obtain proof of a Canadian equivalency at your expense from an accredited learning institution recognized in Canada.

Note: Any higher level of education could be recognized as experience.

Experience

Candidate must demonstrate experience in all four of the subjects listed below. The number of years of experience must be acquired and demonstrated for each subject. In addition, experience must have been gained within the last 6 years.

- Experience in scripting / automating processing (e.g. Python, PHP, shell) or software development (C/C++)
- Experience in IT Security appliances (e.g. VPN, Firewall, IDS, etc.)
- Experience with network communication protocols (e.g. DNS, TCP, etc.)
- Experience with IT Infrastructure (LAN/WAN, networking)

Assets:

- Experience with threat intelligence platforms such as MISP or similar
- Experience in malware signature development (e.g. regex, yara)
- Experience in malware analysis, network penetration testing, vulnerability research, or software exploit development
- Experience in providing briefings and/or presentations

Competencies

- Analytical skills,
- Innovation
- Problem Solving
- Ability to learn
- Rigour

Conditions of Employment

Not Applicable

Notes

A written exam will be administered. If successful, you will be invited to an interview. The exam will serve to evaluate analytical skills and technical knowledge related to the required experience.

Because positions are classified as CS positions, successful candidates may be eligible to a retention allowance.

Reference Links

- [Salary Grade Breakdown](#)
- [Government of Canada language requirements definition](#)

Security Requirements

Candidates must be eligible to receive an Enhanced Top Secret security clearance. The process involves a security interview, a polygraph, and a background investigation that includes credit and financial verifications. The use of illegal drugs is a criminal offense. Drug use is an important factor considered in your reliability and suitability assessment during the selection process. Therefore it is important not to use any illegal drugs from the time you submit your application.

Others

Important

Applicants must clearly demonstrate in their application how they meet each Education and Experience criteria. Failure to do so will result in the applicant being screened out of the career opportunity.

CSIS is a separate employer and is not subject to the [Public Service Employment Act \(PSEA\)](#). CSIS has its own classification, compensation system, and a different staffing regime. As such, we use a different staffing process and terminology.

CSIS is committed to Employment Equity and encourages the equitable participation of all Canadians. If you need any special accommodation in relation to a disability, please tell us at the beginning of the selection process. This information will be kept confidential.

The personal information provided in your application is protected under the [Privacy Act](#) and will be held in Personal Information Bank SIS/P-PU-025.

We thank all applicants for their interest in CSIS. However, only those who are selected for further consideration will be contacted.

Apply Now

Date modified:

2018-11-29